

**IN THE ABSTRACT:**

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--ABSTRACT

The present invention relates to a method and device for the scalable monitoring of a computer system comprising a plurality of computer units constituting hardware resources to be monitored forming a monitored domain, the method being implemented by means of a central computer system called a manager connected to a communication network that allows the transfer of information between at least one resource and the manager. The method comprises a step for organizing the monitored domain into monitored subdomains comprising a predetermined maximum number of resources, and a step for automatically creating and configuring, for each subdomain, an information synthesis node comprising at least one synthesis agent stored in the storage means of a resource. Each synthesis agent is designed to synthesize indicator values calculated and stored in the storage means of at least one resource. These indicators represent an operational status of the resources of the subdomain and are evaluated by indicator agents installed in these resources. Each indicator agent is uniquely identified by the name of the indicator it calculates and by the subdomain in which it is installed, and is associated with each synthesis agent using the corresponding indicator value. A further step allows for modifying the associations between the synthesis agents and the indicator agents when the predetermined maximum number of resources in a subdomain is reached, in order to accommodate the addition or deletion of indicators so that the new architecture of the monitored domain comprises, in each subdomain, a number of resources lower than the predetermined maximum number of resources.--